

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	"5831554"	US-PGPUB; USPAT	OR	ON	2009/06/17 09:17
L2	1274	(magnet magnet\$4) same (quadrupole) same (converging or direct\$5)	US-PGPUB; USPAT	OR	ON	2009/06/17 09:59
L3	89	(magnet magnet\$4) same (quadrupole) same (converging or direct\$5) same ring	US-PGPUB; USPAT	OR	ON	2009/06/17 09:59
L4	11	("3305744"   "3354336"   "3505560"   "4625144"   "4670726"   "4766343").PN. OR ("5157302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 10:45
L6	659	(magnet magnet\$4) same (converging or direct\$5) same ring same alternate	US-PGPUB; USPAT	OR	ON	2009/06/17 10:55
L7	24	("2041875"   "2328743"   "2468295"   "2784331"   "2806158"   "3007098"   "3164735"   "4433260").PN. OR ("5187401").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 11:01
L8	22	("5431050"   "5528937").PN. OR ("6373265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:33
L9	6	("5179460"   "5504502"   "5565632"   "5973668"   "6373265"   "6670946").PN. OR ("7388574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:33
L10	76	("20020006829"   "20030070414"   "20040087375"   "20040138918"   "20040192438"   "20040219982"   "20050009600"   "20050012818"   "20050043072"   "20050116020"   "20050181870"   "20050288085"   "20060063586"   "20060094498"   "20060095790"   "20060258442"   "20060287078"   "20070105616"   "4363029"   "4733222"   "4758830"   "4814760"   "4910504"   "5028875"   "5043710"   "5063306"   "5112060"   "5166502"   "5189417"   "5239152"   "5305017"   "5349303"   "5389219"   "5442347"   "5461319"   "5495077"   "5512836"   "5565658"   "5572205"   "5594222"   "5650597"   "5651548"   "5735742"   "5760715"   "5761647"   "5790106"   "5861875"   "5867111"   "5880718"   "5901211"   "5973318"   "5978770"   "5987421"   "6021949"   "6104815"   "6137427"   "6222528"   "6288707"   "6297811"   "6310611"   "6320282"   "6348862"   "6373263"   "6373265"   "6388453"   "6407556"   "6490920"   "6652381"   "6659875"   "6843725"   "6846238"   "6923724"   "6935958"   "6942574"   "7217190").PN. OR ("7330108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34

## EAST Search History

L11	53	("3482241"   "4186392"   "4233522"   "4281323"   "4293734"   "4455452"   "4476463"   "4550221"   "4707845"   "4740781"   "4743895"   "4806709"   "4831566"   "4853498"   "4916699"   "4922061"   "5041820"   "5083118"   "5153572"   "5231381"   "5237879"   "5270711"   "5305017"   "5418551"   "5488204"   "5491706").PN. OR ("5650597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
L12	7	("5107262"   "5210367"   "5578782"   "5783765"   "5922983"   "6111174").PN. OR ("6525257").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
L13	17	("4450749"   "4593592"   "4913026"   "4970928"   "5016513").PN. OR ("5210367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 12:34
S1	12	((TOSHINORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:34
S2	1950	345/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:34
S3	17	((("4029899") or ("4795858") or ("5504502") or ("20010006369") or ("20010055001") or ("20020054012") or ("20040080491") or ("6765748"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:36
S4	0	(10/542643).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:38
S5	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/07 18:39
S6	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/01/07 18:43
S7	0	58-066381	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:49
S8	0	56-165228	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:49

## EAST Search History

S9	3	2002-287891	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 18:51
S10	8	((("5504502") or ("5973668") or ("6373265") or ("4462594"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:53
S11	4	((("6525257") or ("5504502"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 18:55
S12	238	ring same magnet\$4 and "345"/\$5.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 18:58
S13	24	ring same magnet\$4 and "345"/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/07 19:00
S14	17036	ring same magnet\$4 same two	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S15	740	ring same magnet\$4 same two same north same south	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S16	672	ring same magnet\$4 same two same north same south same pole	US-PGPUB; USPAT	OR	ON	2009/01/07 19:07
S17	8	ring same magnet\$4 same unipolarly	US-PGPUB; USPAT	OR	ON	2009/01/07 19:10
S18	80	ring same magnet\$4 same unipolar\$5	US-PGPUB; USPAT	OR	ON	2009/01/07 19:11
S19	365	ring same magnet\$4 same multi\$1polar	US-PGPUB; USPAT	OR	ON	2009/01/07 19:15
S20	1	"6861934"	US-PGPUB; USPAT	OR	ON	2009/01/07 19:20
S21	2	("4222021"   "5506558").PN. OR ("6861934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 19:20
S22	13	("3827021"   "4222021"   "4543551"   "4568901"   "4859976"   "5180557"   "5210373"   "5235243"   "5294826").PN. OR ("5506558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 19:21
S23	14	"4222021"	US-PGPUB; USPAT	OR	ON	2009/01/07 19:39
S24	16	silicone same resin and 345/156-157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:28

## EAST Search History

S25	951	silicone near1 resin and mouse	US-PGPUB; USPAT	OR	ON	2009/01/08 10:31
S26	0	silicone near1 resin and 345/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:32
S27	11	silicone near1 resin and 345/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 10:32
S28	4399	345/156.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:58
S29	3457	345/161-167.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:59
S30	239	178/18.07.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/08 12:59
S31	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/01/08 15:57
S32	21	("20030146899"   "4852630"   "4853630"   "4991836"   "5434373"   "5504502"   "5619195"   "5640178"   "5714980"   "5850142"   "5969520"   "5969529"   "6144370"   "6266046"   "6288854"   "6369806"   "6501458"   "6606085"   "6762748"   "6836267"   "6937226").PN. OR ("7151526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:02
S33	15	("3331972"   "5432530"   "5526022"   "5619195"   "5714980"   "5969520"   "6001014"   "6232959"   "6239785"   "6266046").PN. OR ("6606085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:07
S34	578	magnet same sensor same close same flux	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:12
S35	10	magnet same sensor same close same flux and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:12
S36	24	magnet same sensor same close same hall and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/08 16:14
S37	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/08 16:59
S38	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/01/08 17:08
S39	4	"6762748"	US-PGPUB; USPAT	OR	ON	2009/04/24 10:08
S40	5	"5506558"	US-PGPUB; USPAT	OR	ON	2009/04/24 10:08
S41	1	10/542643	US-PGPUB; USPAT	OR	ON	2009/04/24 10:10
S42	43	"5504502"	US-PGPUB; USPAT	OR	ON	2009/04/24 12:25

## EAST Search History

S43	52	pervan.xa.	US-PGPUB; USPAT	OR	ON	2009/05/06 16:18
S44	21	"5627560"	US-PGPUB; USPAT	OR	ON	2009/05/06 17:52
S45	1	"6812910"	US-PGPUB; USPAT	OR	ON	2009/05/06 17:52
S46	14	((TOSHINORI) near2 (TAKATSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:12
S47	5	("20020061735" "20030178291" "20040119687" "7126072" "7262374").PN.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:15
S48	6	("5179460" "5504502" "5565632" "5973668" "6373265" "6670946").PN.	US-PGPUB; USPAT	OR	ON	2009/06/16 11:16
S49	9	("5504502" "5508719" "5714980" "6043806" "6266046").PN. OR ("6670946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:18
S50	3	"7139008"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:22
S51	8	"6856328"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 11:22
S52	0	"11110273"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 12:47
S53	0	"11/110273"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 12:47
S54	1	10/542643	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:05
S55	13	("3827021" "4222021" "4543551" "4568901" "4859976" "5180557" "5210373" "5235243" "5294826").PN. OR ("5506558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:10
S56	1	10/542643	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:12
S57	9399	(magnet) and (opposite interlac\$4) same north same south	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:16
S58	100	(magnet) and (opposite interlac\$4) same north same south and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:16
S59	13	("20010055002" "20020093328" "20040080491" "20050077165" "5432530" "5714980" "6266046" "6528740" "6583784" "6667733" "6831629" "6952197" "7034804").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:17

## EAST Search History

S60	4	("20040125082" "5327162" "6816049" "6831238").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:21
S61	3	10/625727	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:28
S62	10	("20020105495"   "20040125082"   "20040178996"   "5327162"   "5486965"   "5621591"   "6816049"   "6831238"   "6839050"   "6937124").PN. OR ("7031592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:28
S63	5	"5506558"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:39
S64	15	"4222021"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/16 15:40